



PATENT ABSTRACTS OF JAPAN

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F01N 3/28**B01D 53/94****F01N 3/08****F01N 3/20****F01N 3/24****F02D 41/04****F02D 45/00**(21) Application number: **2000039184**(22) Date of filing: **17.02.00**(71) Applicant: **TOYOTA MOTOR CORP**(72) Inventor: **HAYASHI KOTARO**(54) **EXHAUST EMISSION CONTROL DEVICE FOR
INTERNAL COMBUSTION ENGINE**specified amount, the air-fuel ratio of exhaust gas
is enriched.

(57) Abstract:

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PROBLEM TO BE SOLVED: To provide an exhaust emission control device for an internal combustion engine, capable of easily forming the rich atmosphere on the surface of a NOx catalyst and efficiently performing poisoning recovering treatment of the NOx catalyst.

SOLUTION: The exhaust emission control device for the internal combustion engine is provided with a storage reduction type NOx catalyst 18 containing no oxygen storing and releasing agent and provided on an exhaust passage 14 of an internal combustion engine 1 capable of lean-burn; an oxidation catalyst 20 containing an oxygen storing and releasing agent and provided in the downstream side of the NOx storage reduction catalyst; and an air-fuel ratio adjusting means for adjusting the air-fuel ratio of the exhaust passage. When sulfur poisoning amount of the NOx catalyst 18 is larger than a

